Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 03 Jan 2021 until 23:59 on Monday 04 Jan 2021

Forecast Issued on Sunday 03 Jan 2021 at 00:33

Confidence: High for a showery easterly flow into Wednesday, turning dry later Wednesday, then lowering confidence for the timing and wintry detail of the change to a westerly frontal pattern for Thursday.

Headline for Sunday 03 Jan 2021: Sunshine and showers. Strong summit winds bringing severe wind chill at height.

Mountain weather hazards on Sunday 03 Jan 2021

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Light snow	Light snow	Light snow showers (night)	Light snow
Precipitation probability					
50%	40%	40%	40%	30%	30%

Forecast for Sunday 03 Jan 2021

Weather: Showers continuing throughout Sunday, with outbreaks occasional to frequent across eastern ranges, isolated in the west where the best of the clear then bright and sunny spells appear. Snow level 300-400m. A mix of rain, sleet and hail at lower levels with icy stretches on paths.

Chance of cloud free mountain/hill tops above 600m: Ranging from 30% in east where bases will be broken or extensive from 450-650m, and 60% in the west where bases sporadically lowering across the summits, mostly in and around the showers.

Visibility: Good or very good, lowering to virtually nil in snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 03 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 NE	13/19 NE	14/20 NE	18/27 NE	18/27 NE	18/27 NE	17/26 NE
300	8/19 N	9/19 NE	10/20 NE	11/25 NE	11/25 NE	12/26 NE	11/25 NE
Valley	6/19 N	7/18 NE	8/18 NE	10/23 NE	8/21 NE	9/22 NE	8/21 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-7	-1/-6	-1/-7	-1/-7	-1/-8	-1/-8	-1/-8
300	1/-3	1/-3	2/-2	2/-3	1/-4	1/-4	1/-4
Valley	2/-1	2/-1	3/0	3/-1	2/-2	2/-2	1/-2
Freezing Level*	400m	400m	500m	500m	400m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Icy conditions will persist on many paths. Most difficult conditions in the east where hill fog and showers will be more focused, combining with brisk winds which bring a severe chill effect at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 03 Jan 2021	0.8mm	1mm	2.4mm

Forecast for Monday 04 Jan 2021

Weather: Another day of sunshine and showers, with eastern ranges most exposed. However outbreaks lighter and less frequent than Sunday. Snow level around 400m.

Maximum wind: East to northeast 20-25mph with gusts 35mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: Ranging from 60% in east where bases will be scattered or broken from 500-700m, and 95% plus in the west where bases only sporadically lowering across the summits, mostly in and around the showers.

Visibility: Good or very good, lowering to virtually nil in snow showers.

Temperature: **Valleys:** Minus 3 Celsius increasing plus 3 Celsius during the afternoon
At 600m: Minus 1-3 Celsius
Freezing level: Around 500M

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